

ANNO TAPE PRO RGBW Indoor · RGBW

Features

- High-density diode-free CSP tape, with changeable RGBW colors
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Applications

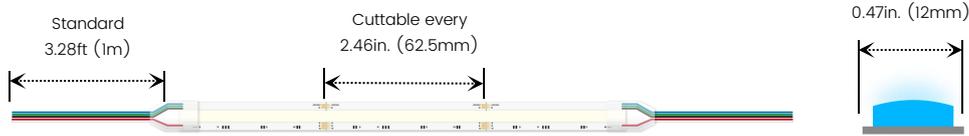
Under cabinets, coves, theme parks, bedrooms, studios, etc.



Date	Fixture type
Project name	Project phase



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
ANNO	D2-Dry (IP20)	24V-DC24V	RGBW40K-RGBW (W=4000K)	488-4.88W/ft

Assembly Builder

		Left Feed Entry	
F	Front	OW	Open wire 3.28ft (1m), 22 AWG
C	Closed	MC	Male connector with 0.66ft (20cm) cable, 22 AWG
		FC	Female connector with 0.66ft (20cm) cable, 22 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

		Right Feed Entry	Length
F	Front	OW Open wire 3.28ft (1m), 22 AWG	Max 16.4ft (5m)
C	Closed	MC Male connector with 0.66ft (20cm) cable, 22 AWG	
		FC Female connector with 0.66ft (20cm) cable, 22 AWG	Increment 2.46in. (62.5mm)
		NA Only for Closed Feed Entry	

Extrusion Order Code

Product Code	Colors	Lens	Lengths
Please select on the Extrusion Compatibility page	<input type="checkbox"/> S = Silver anodized <input type="checkbox"/> W = White lacquered <input type="checkbox"/> B = Black anodized	<input type="checkbox"/> OP - Opal <input type="checkbox"/> FR - Frosted <input type="checkbox"/> CL - Clear	3.28ft (1m) 6.56ft (2m)

*For customizations, please inquire.

*For custom RAL colors, please inquire.

*Extrusions are sold separately. Refer to corresponding spec sheets for ordering info on extrusions and their accessories (endcaps, mounting brackets, etc.)

Lumen Output (lm/ft)

Temp./Color	4.88W/ft
R	113
G	117
B	26
W40	92
RGBW40	247
Max. Run for Class 2	16.4ft (5m)
Max. Run Supported Length	16.4ft (5m)

*Typically installations in USA and Canada comply with Class 2 requirements.

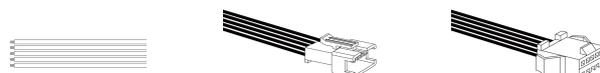
Technical Details

Width	0.47in. (12mm)
LED Quantity	273 LEDs/ft (896 LEDs/M)
Beam Angle	120°
Efficacy	50.6lm/W @RGBW40 4.88W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Average Life (L70)	> 30,000 hours
Max. Length Per Reel	98.4' (30M)
Storage Temperature	-13-140°F (-25°C-60°C)
Ambient Temperature	-4-113°F (-20°C-45°C)

Feed Entry Options



Connector Wire Options



- OW:** Open wire, **Dry only**. Standard 3.28ft (1m), 22 AWG (wire length made to order)
- MC:** Male connector, **Dry**. Standard 0.66ft (20cm), 22 AWG
- FC:** Female connector, **Dry**. Standard 0.66ft (20cm), 22 AWG

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Channel Compatibility

Lens Type & Light Transmission

* Non-standard option, please contact us for customization support.

CL Clear

FR Frosted

OP Opal

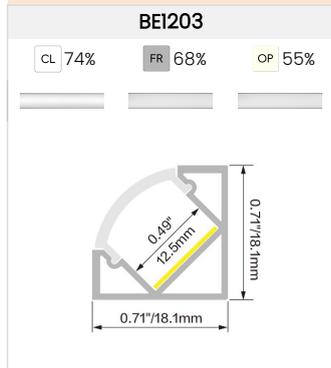
Surface			
<p>BEI202</p> <p>CL 62% FR 57% OP 46%</p>	<p>BEI206</p> <p>CL 77% FR 70% OP 57%</p>	<p>BEI302</p> <p>CL 81% FR 74% OP 61%</p>	<p>BEI910</p> <p>CL 76% FR 69% OP 57%</p>
<p>BEI919</p> <p>CL 51% FR 46% OP 38%</p>	<p>BE2020</p> <p>CL 77% FR 70% OP 57%</p>	<p>BE2601</p> <p>CL 82% FR 74% OP 61%</p>	

Mud-In	
<p>BE5615</p> <p>CL 58% FR 53% OP 43%</p>	<p>BE7615</p> <p>CL 70% FR 64% OP 52%</p>

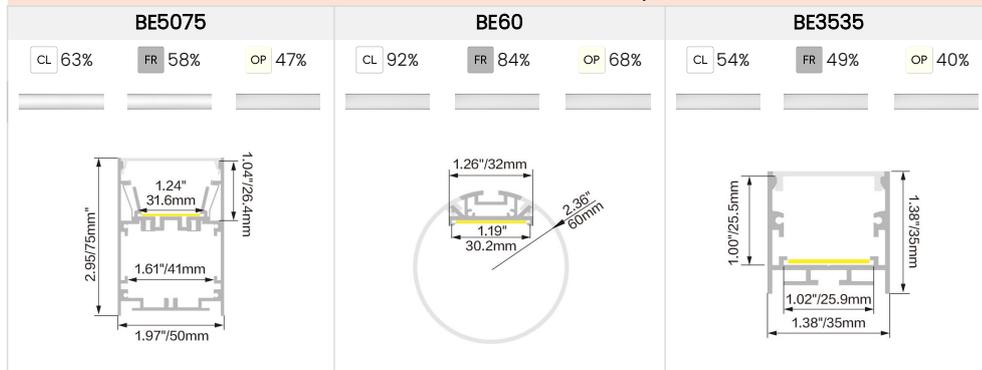
Recessed			
<p>BEI207</p> <p>CL 61% FR 55% OP 45%</p>	<p>BE2810</p> <p>CL 78% FR 71% OP 58%</p>	<p>BE5035</p> <p>CL 52% FR 47% OP 39%</p>	<p>BE6575</p> <p>CL 63% FR 58% OP 47%</p>

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Corner



Suspended



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Specialty			
<p>BE1402 Wall lighting</p> <p>CL 54% FR 49% OP 40%</p>	<p>BE1403 Wall lighting</p> <p>CL 75% FR 69% OP 56%</p>	<p>BE1806 Bendable surface mounted</p> <p>CL 89% FR 82% OP 67%</p>	<p>BE4615 Borderless Inside Corner</p> <p>CL 58% FR 53% OP 43%</p>
<p>BE3511 Borderless Bi-Color Panel</p> <p>CL 65% FR 60% OP 49%</p>	<p>BE5315 Borderless Outside Corner</p> <p>CL 57% FR 52% OP 43%</p>	<p>BE6728 Staircase</p> <p>CL 54% FR 50% OP 41%</p>	<p>BE6916 Coves</p> <p>CL 58% FR 53% OP 43%</p>
<p>BE12017 Coves</p> <p>CL 51% FR 47% OP 38%</p>	<p>BE13350 Coves</p> <p>CL 64% FR 58% OP 48%</p>		

Connectors & Additional Accessories (Optional, purchase for extra)



MC-5P-20
Male SM connector with 0.66ft (20cm) cable, 2pin, IP20,Dry, 22AWG



FC-5P-20
Female SM connector with 0.66ft (20cm) cable, 2pin, IP20, Dry, 22AWG

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Drivers

Non-dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KV-24060-ASW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KV-24096-ASW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)

DMX-dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVX-24100-4C-A	100W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	9.05 x 3.07 x 0.98in. (230 x 78x 25cm)
KVX-24150-4C-A	150W			No			10.9* x 3.07 x 0.98in. (277 x 78x 25cm)
KVX-24200-4C-A	200W			No			10.9* x 3.07 x 0.98in. (277 x 78x 25cm)
KVX-24300-4C-A	300W			No			11.85 x 3.07 x 0.98in. (301 x 78x 25cm)

DMX Decoders

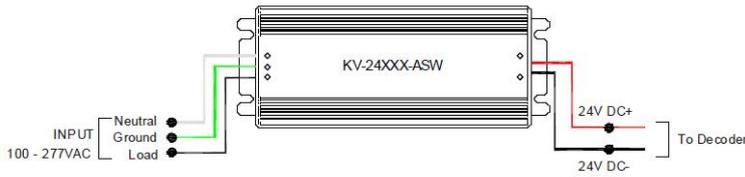
Code	Description
LT-904	4 channels output, up to 576W output power
LT-916	16 channels output, up to 1152W output power

Controllers

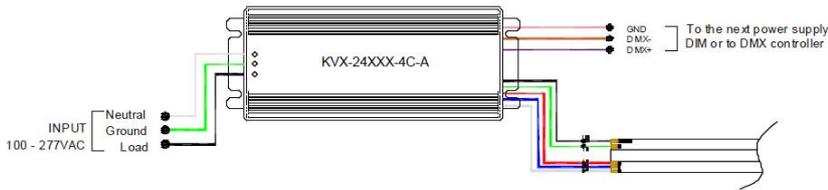
Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-CW4	DMX 1024 channels, up to 36 scenes stored and directly recalled via 6 touch sensitive buttons

Wiring Diagram

Non-dimmable



DMX-dimmable



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24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)